

Signs and Overhead Structures

Technical Specialist

Is responsible for the structural design of all signs, traffic signal and lighting standards:

- Provides liaison and represents the Department by participating with other agencies, organizations and industry.
- Keeps aware, through various sources, of state-of-the-art developments, applications, and practice.
- Reviews, examines and evaluates systems and proprietary products.
- Coordinates and works with Design, Construction, Maintenance, Traffic, and the Lab to solve problems, initiate research and reach conclusions.
- Develops and recommends methods, procedures, policy and specifications.
- Revises, updates and interprets standard plans, special designs, specifications, memos and manuals.
- Proposes and advocates use of appropriate new applications, methods and materials.
- Is a technical resource assisting, counseling and advising designers and National organization committee members.
- Coordinates with Districts during design and shop plan reviews.

Structure Drainage

Technical Specialist

Is concerned with design details associated with deck drainage and utilities in structures:

- Provides liaison and represents the Department by participating with other agencies, organizations and industry.
- Keeps aware, through various publications, of state-of-the-art developments, applications and practice.
- Reviews, examines and evaluates systems and proprietary products.
- Coordinates and works with Design, Construction, Maintenance and the Lab to solve problems, initiate research and reach conclusions.
- Develops and recommends methods, procedures, policy and specifications.
- Revises, updates and interprets standards, specifications, memos and manuals.
- Proposes and advocates use of appropriate new applications, methods and materials.
- Develops and uses various training methods that help and encourage designers to use new applications, methods and materials.
- Is a technical resource assisting, counseling and advising designers and National organization committee members.

Transit Technical Specialist

Is concerned with structural aspects of the mass transit mode portion of the statewide transportation scheme:

- Researches, develops and coordinates design standards, loads, grades, clearances, typical sections, etc. for various type transit systems.
- Investigates existing design criteria for adoption to transit structures and transit related facilities such as parking structures and passenger stations.
- Provides expertise and liaison to DOT Districts, Division of Mass Transit, and the Division of Transportation Planning for the structural aspects of transit structures and related transit facilities.
- Maintains transit state-of-the-art sources file and a file on current in-house projects.

Widenings, Modifications, and S-I-P Forms Technical Specialist

Is concerned with the structural adequacy of widenings, modifications and stay-in-place form construction:

- Provides liaison and represents the Department by participating with other agencies, organizations and industry.
- Keeps aware, through various sources, of state-of-the-art developments, applications, and practice.
- Reviews, examines and evaluates systems and proprietary products.
- Coordinates and works with Design, Construction, Maintenance, and the Lab to solve problems, initiate research and reach conclusions.
- Develops and recommends methods, procedures, policy and specifications.
- Revises, updates and interprets standards, design details, specifications, memos and manuals.
- Proposes and advocates use of appropriate new applications, methods and materials.
- Develops and uses various training methods that help and encourage designers to use new applications, methods and materials.
- Is a technical resource assisting, counseling and advising designers and National organization committee members.